

Notice of Allowability

Application No.

10/757,126

Examiner

Linh V. Nguyen

Applicant(s)

KIRSCH, HOWARD C.

Art Unit

2819

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/24/04.
2. ☒ The allowed claim(s) is/are 42-86.
3. ☒ The drawings filed on 13 January 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 03/04/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

This office action is in response to application preliminary amendment filed on 05/24/04. Claims 42 - 86 are pending on this application.

Allowable Subject Matter

1. Claims 42 - 86 are allowed.
2. The following is an examiner's statement of reasons for allowance:

With respect to claims 42, 48, 53, 61, 70 and 78, in addition to other elements in the respective claim, the prior art does not teach a system for generating a delayed clock signal having a delay relative to an applied clock signal, the system having: counting a number of clock cycles of the reference counting clock signal until a transition of the applied clock signal subsequent to the start signal; counting the same number of clock cycles responsive to a transition of the reference counting clock signal subsequent to the transition of the applied clock signal; determining a fine delay that is based on the states of the counting clock signals at the time of the transition of the applied clock signal; and generating the delayed clock signal having a delay relative to the applied clock signal that is equal to the time for counting the number of clock cycles in response to the start signal, for counting the same number of clock cycles responsive to the transition of the reference counting clock signal, and the fine delay.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Prior Art

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Hunter et al. U.S. Patent No. 6,067,648.

Norman et al. U.S. Patent No. 6,160,755.

Norman et al. U.S. Patent No. 5,956,289.

Leung et al. U.S. Patent No. RE38,482.

Krishnan U.S. Patent No. 6,625,756.

Zarubinsky et al. U.S. Patent No. 6,380,811.

Lee et al. U.S. Patent No. 6,150,892.

Yamauchi et al. U.S. Patent No. 5,525,939.

Costantino et al. U.S. Patent No. 5,036,528.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Linh Van Nguyen whose telephone number is (571) 272-1810. The examiner can normally be reached from 8:30 – 5:00 Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Michael Tokar can be reached at (571) 272-1812. The fax

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phone numbers for the organization where this application or proceeding is assigned are (703-872-9306) for regular communications and (703-872-9306) for After Final communications.

LVN

06/30/2004

A handwritten signature in black ink, reading "Michael J. Tokar". The signature is written in a cursive, flowing style.

Michael Tokar
Supervisory Patent Examiner
Technology Center 2800